Fig. 1

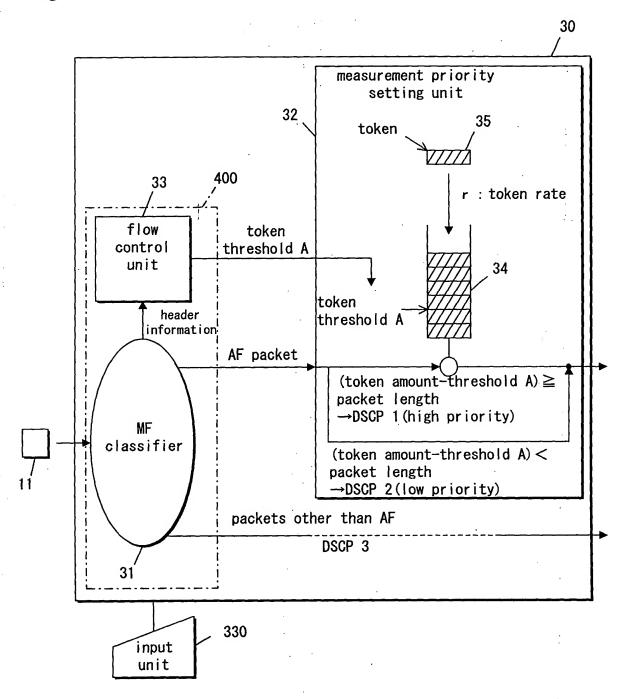
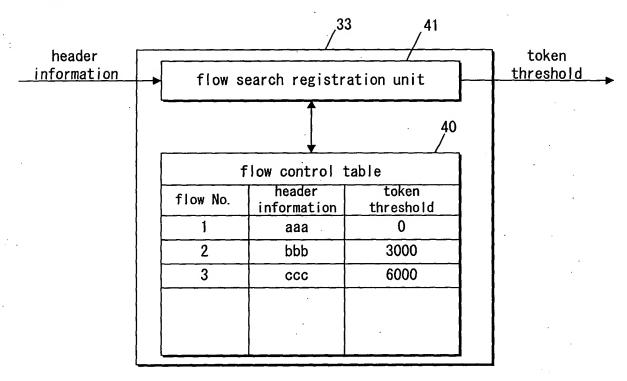
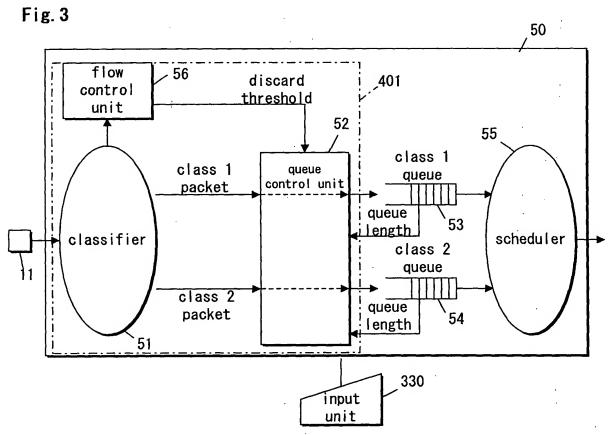
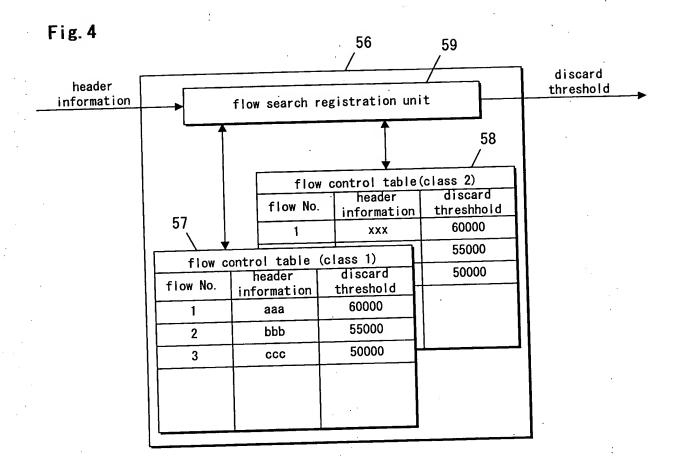
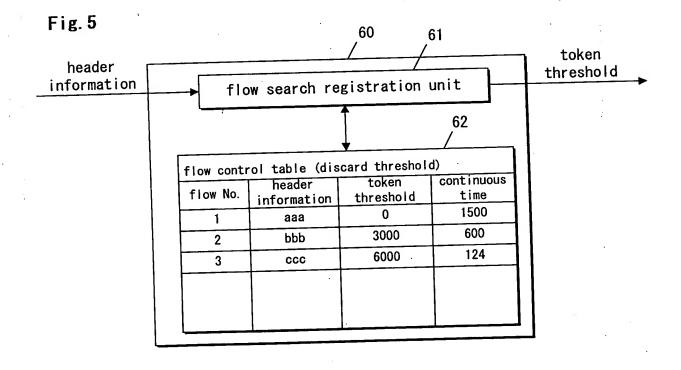


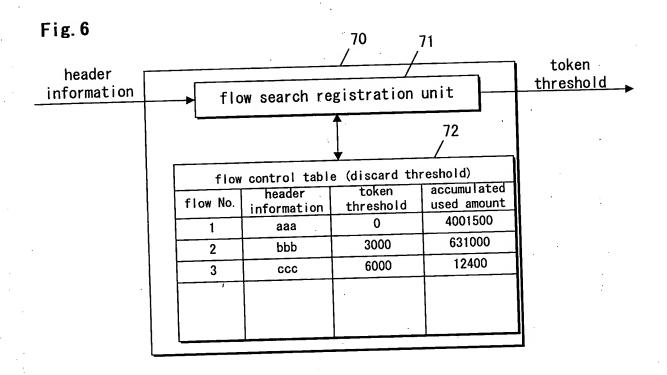
Fig. 2











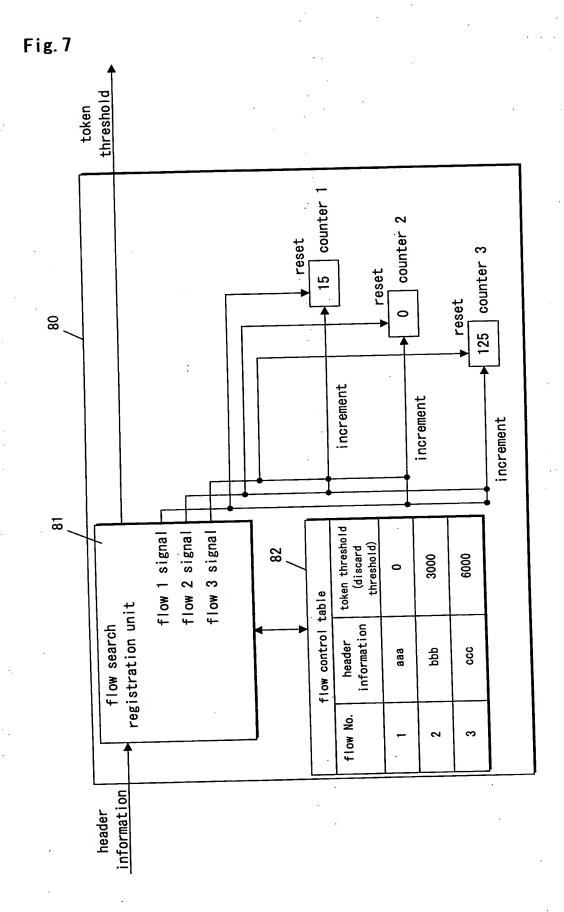


Fig. 8

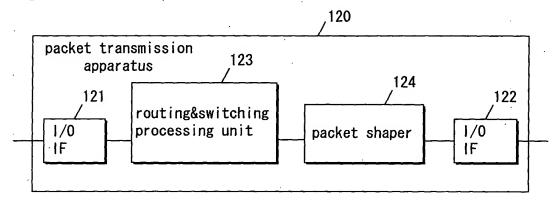


Fig. 9 124 packet shaper 402 241 flow control unit flow 1 flow 2 flow 3 244 header discard threshold threshold information threshold rate setting: queue control unit control unit packet packet queue 243 242 330 input

unit

Fig. 10 241 131 discard header threshold flow search registration unit information 130 flow control table discard threshold header flow No. (byte) information 60000 aaa 1 55000 bbb 2 50000 3 CCC

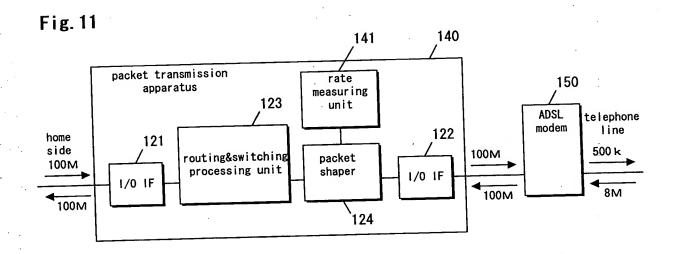
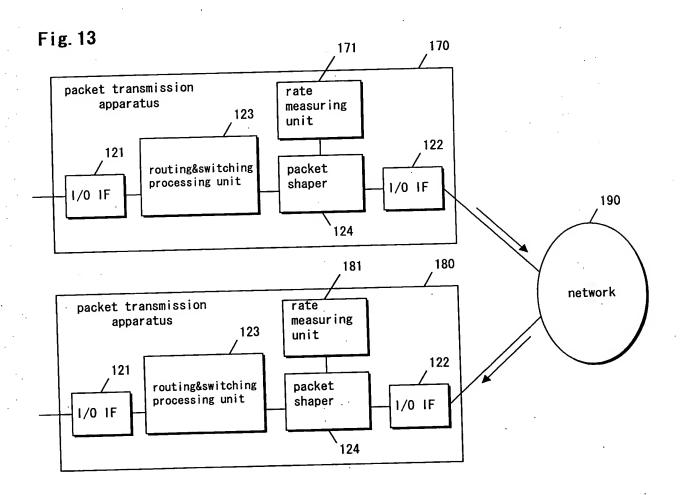


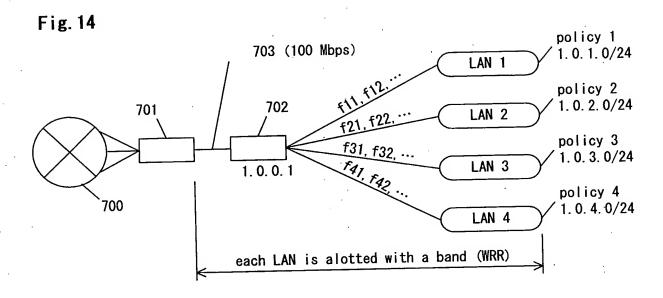
Fig. 12 wireless 160 side of IF packet transmission 10M 123 apparatus 124 wireless IF 10M cable side of IF wireless rate 121 packet feedback unit routing&switching shaper 100M processing unit 1/0 IF

161

162

100M







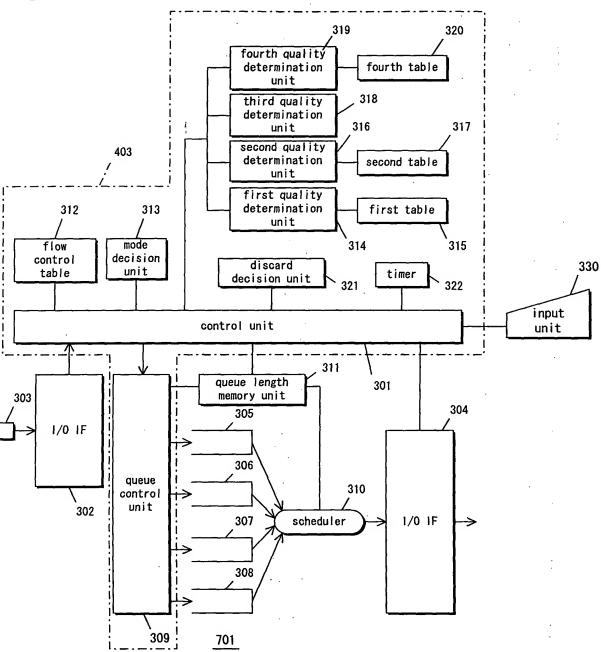


Fig. 16

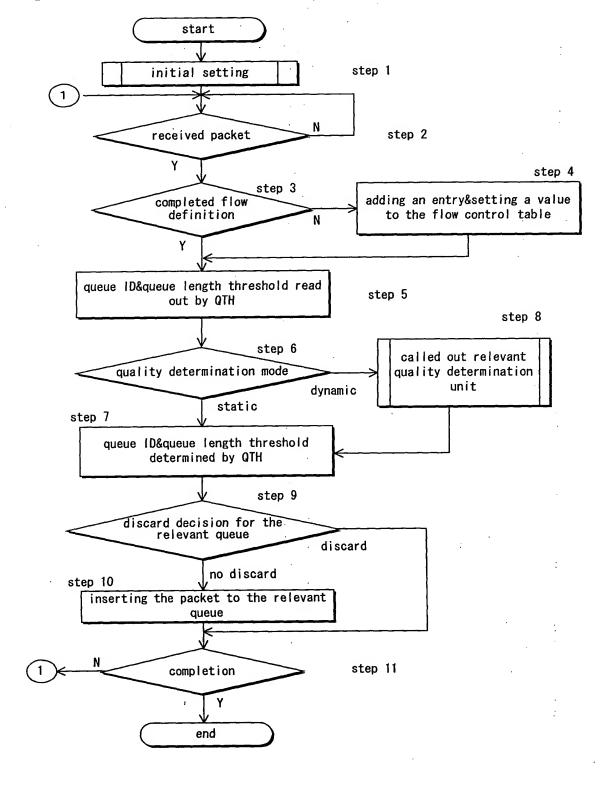


Fig. 17

			flow cor	itrol tabl	е	*: (don't care	9
Γ	*		header information			property value		
	flow number	addı	ress	port	number	QID	QTH	
-	Ì	sender	receiver	sender	receiver			312
l	1	*	1. 0. 1. *	30000	*	1	60	
-	2	*	1. 0. 2. *	30000	*	2	60	
ł	3	*	1. 0. 3. *	30000	*	3	60	
	4	*	1. 0. 4. *	30000	*	4	60	
	5	*	1. 0. 1. *	80	*	1	0	
	6	*	1. 0. 2. *	80	*	2	0	
	7	*	1. 0. 3. *	80	*	3	0	
	8	*	1. 0. 4. *	80	*	4	0	
	, 0	1	1	L				

12/23

Fig. 18

first table

flow number	QTH	accumulate used amount (bytes)		
1	44	980, 000, 000		

Fig. 19

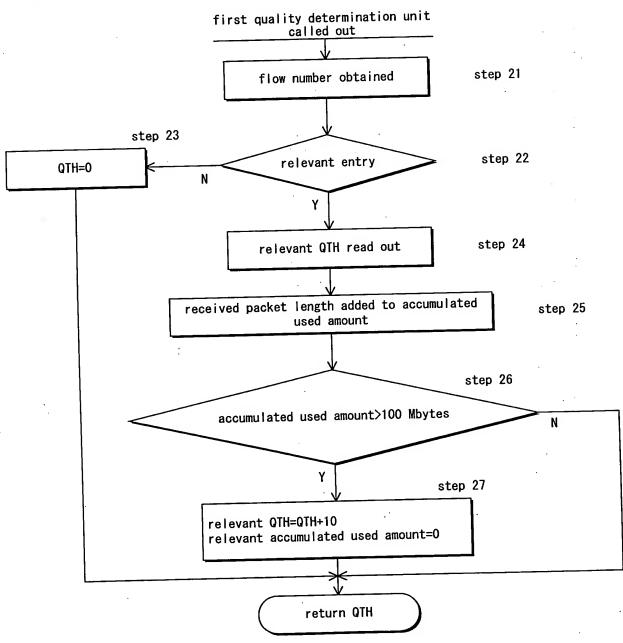


Fig. 20

second table

flow number	QTH	renewal time	final arrival time
2	44	10:49	11:02
		·	

Fig. 21

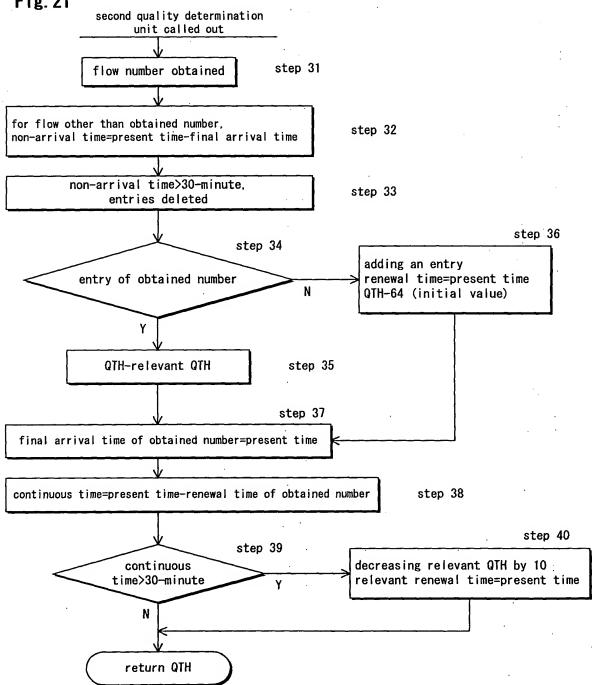
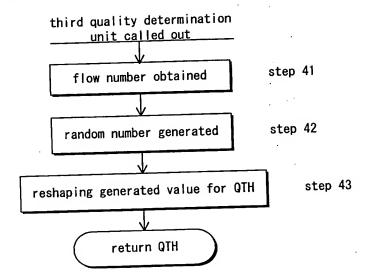


Fig. 22



fourth table Fig. 23 (a)

active flow	0	
flow number	ДТН	arrival number

Fig. 23(b)

active flow	active flow number AF		
flow number	QTH	arrival number	
4	64(initial value)	0	

Fig. 23(c)

active flow	63	
flow number	QTH	arrival number
4	4 64	
8	64	_

Fig. 23 (d)

active flow number AF			0	
flow number	QTH		arrival number	
4	54		0	
8	54			
		\Box		

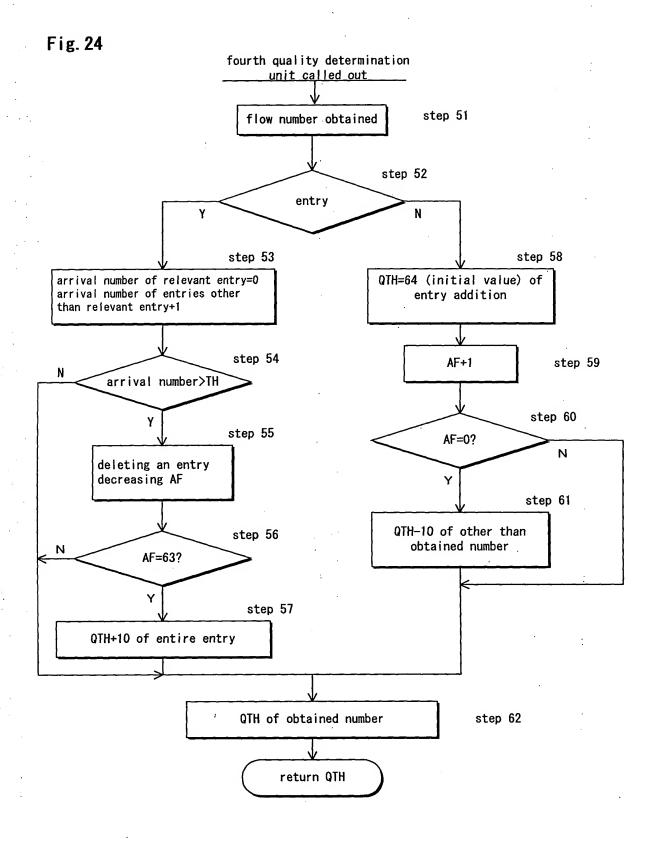


Fig. 25(a)

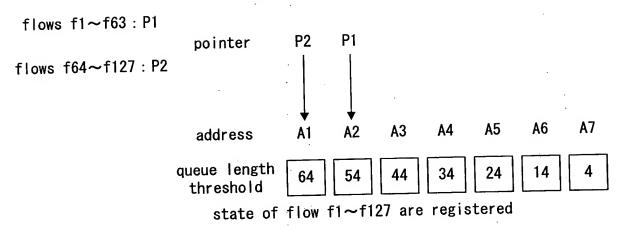


Fig. 25(b)

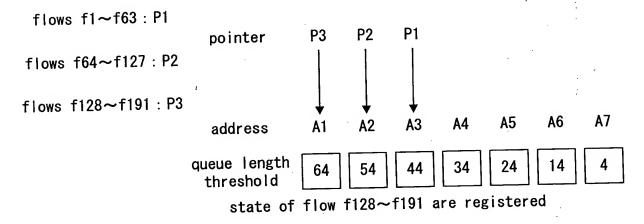
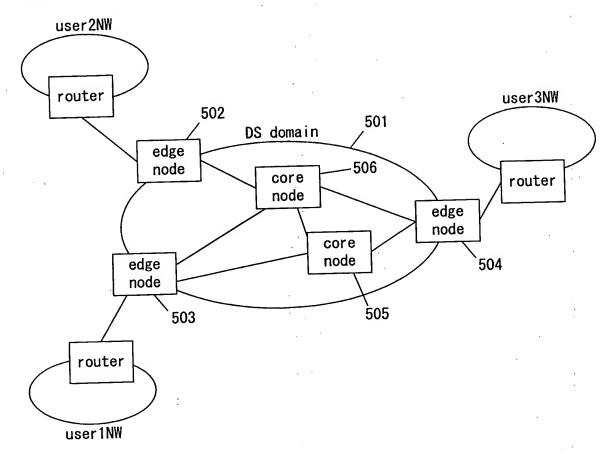


Fig. 26 Prior Art



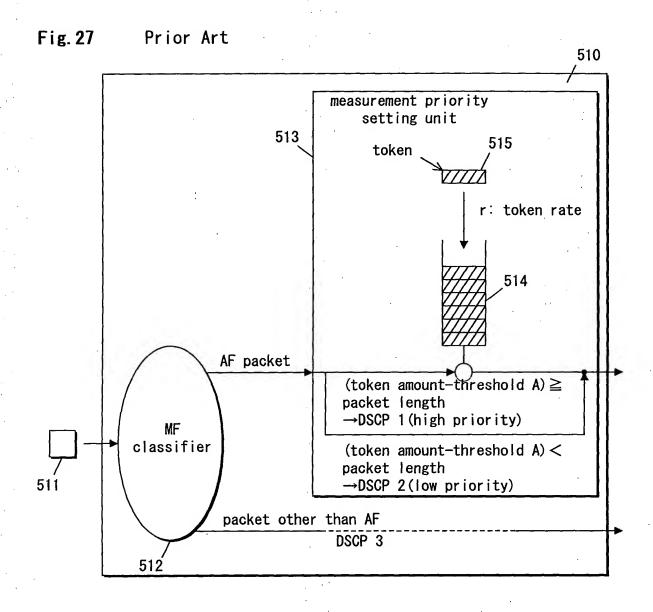


Fig. 28 Prior Art

